

BELOUSOV, V.V., otv. red.; SORSKIY, A.A., otv. red.; KIRILLOVA,  
I.V., red. izd-va; FILIPPOVA, B.S., red. izd-va;  
DOROKHINA, I.N., tekhn. red.

[Crustal fold deformations, their types and the mechanism  
of formation] Skladchatye deformatsii zemnoi kory, ikh tipy  
i mekhanizm obrazovaniia; sbornik statei. Moskva, Izd-vo  
Akad. nauk SSSR, 1962. 333 p. (MIRA 15:11)

1. Akademiya nauk SSSR. Institut fiziki Zemli.  
(Folds (Geology))

BELOUSOV, Vladimir Vladimirovich; GOROKHOVA, T.A., red. izd-va;  
GUROVA, O.A., tekhn. red.

[Basic problems of geotectonics] Osnovnye voprosy geotektoniki.  
Izd.2., perer. Moskva, Gosgeoltekhizdat, 1962. 607 p.  
(MIRA 15:5)

(Geology, Structural)

BELOUSOV, V.V.

Principle Problems of Geotectonics

Report to be submitted for the Chemistry of the Earth Crust, Geochemical Conference  
Moscow, USSR, 14-19 Mar 63

BELOUSOV, Vladimir Vladimirovich; RONOVA, A.B., otv. red.

[Present-day problems of geotectonics] Sovremennye prob-  
lemy geotektoniki. Moskva, Izd-vo AN SSSR, 1963. 22 p.  
(Chlenia im. V.I.Vernadskogo, no.5) (MIRA 17:5)

BELOUSOV, Vladimir Vladimirovich; PETRUSHEVSKIY, B.A., red.izd-va;  
VOLKOVA, V.V., tekhn. red.

[The earth, its structure and development] Zemlia, ee stro-  
enie i razvitie. Moskva, Izd-vo AN SSSR, 1963. 150 p.  
(MIRA 16:10)

1. Chlen-korrespondent AN SSSR (for Belousov).  
(Earth)

GZOVSKIY, Mikhail Vladimirovich; BELOUSOV, V.V., otv. red.;  
KOLOSHINA, T.V., red. izd-va; ASTAF'YEVA, G.A., tekhn.  
red.

[Basic problems in the tectonophysics and tectonics of the  
Baydzhansay anticline] Osnovnye voprosy tektonofiziki i tektonika  
Baidzhanskaiskogo antiklinorija. Moskva, Izd-vo AN SSSR. Pts.3-4.  
1963. 543 p. (MIRA 16:10)

1. Chlen-korrespondent AN SSSR (for Belousov).  
(Karatau--Geology, Structural)

BELOUSOV, V.V.

Ways for the development of geology. Sov. geol. 6 no.1:11-28  
Ja '63. (MIRA 16:6)

1. Institut fiziki Zemli imeni O.Yu. Shmidta.  
(Geology)

BELOUSOV, V.V.; FOTIADI, E.E.

"Geophysical methods in regional structural geology" by B.A.Andreev.  
Reviewed by V.V.Belousov, E.E.Fotiadi. Sov.geol. 6 no.2:156-157 F '63.  
(MIRA 16:4)  
(Geophysics) (Geology, Structural) (Andreev, B.A.)

BELOUSOV, V.V.

Some problems in studying the structure and development of the earth  
crust and upper mantle. Vest.Mosk.un.Ser. 4:Geol. 18 no.2:3-12  
Mr-Ap '63. (MIRA 16:5)

1. Kafedra dinamicheskoy geologii Moskovskogo universiteta.  
(Earth--Surface)



BELOUSOV, V.V.

Tectonics of the Andes. *Biul.MOIP.Otd.geol.* 38 no.2:3-16 Mr-Apr '63.  
(MIRA 16:5)

(Andes—Geology, Structural)

BELYAYEVSKIY, N.A., red.; ALI-ZADE, A.A., red.; ALIYEV, M.M., red.;  
BAKIROV, A.A., red.; BELOUSOV, V.V., red.; BEUS, A.A., red.;  
BOGDANOV, A.A., red.; BORISOV, A.A., red.; BRENNER, M.M.,  
red.; DYUKOV, A.I., red.; YERSHOV, A.D., red.; ZARIDZE, G.M.,  
red.; KALUGIN, A.S., red.; KOSOV, B.M., red.; KOPEV-  
DVORNIKOV, V.S., red.; KOTLYAR, V.N., red.; LUGOV, S.F., red.;  
MAGAK'YAN, I.G., red.; MARINOV, N.A., red.; MARKOVSKIY, A.P.,  
red.; MALINOVSKIY, F.M., red.; PUSTOVALOV, L.V., red.; SATPAYEV,  
K.I., red.; SEMENENKO, N.P., red.; TYZHNOV, A.V., red.;  
KHRUSHCHOV, N.A., red.; SHCHEGOLEV, D.I., red.; YARMOLYUK, V.A.,  
red.

[Materials on regional tectonics of the U.S.S.R.] Materialy po  
regional'noi tektonike SSSR. Moskva, Izd-vo "Nedra," 1964. 193 p.  
(MIRA 17:4)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy geologicheskii ko-  
mitet.

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KROPOTKIN, P.N., *otv. red.*; BELOUSOV, V.V., *red.*; BELYAYEVSKIY,  
N.A., *red.*; BOGDANOV, A.A., *red.*; GARETSKIY, R.G., *red.*;  
GUBIN, I.Ye., *red.*; LEYFES, A.M., *red.*; MAZAROVICH, O.A.,  
*red.*; MURATOV, M.V., *red.*; NIKOLAYEV, N.I., *red.*;  
PAVLOVSKIY, Ye.V., *red.*; PEYVE, A.V., *red.*; PETRUSHEVSKIY,  
B.A., *red.*; PUSHCHAROVSKIY, Yu.N., *red.*; SHEYNMANN, Yu.N.,  
*red.*; SHTREYS, N.A., *red.*; YANSHIN, A.L., *red.*

[Structure and the development of the earth's crust;  
materials] Stroenie i razvitie zemnoi kory; materialy. Mo-  
skva, Nauka, 1964. 199 p. (MIRA 18:2)

1. Vsesoyuznoye soveshchaniye po problemam tektoniki. 2d,  
Moscow, 1963.

 BELOUSOV, V.V.

Upper mantle and its effect on the development of the earth's crust (Project of the Upper Mantle). Sov. geol. 7 no.1:3-9 Ja '64.

Problems of the structure of the earth at the 13th General Assembly of the International Union of Geodesy and Geophysics. Ibid.:151-156 (MIRA 17:6)

1. Institut fiziki Zemli imeni O.Yu. Shmidta.

BELOUSOV, V.V.; SIIKIN, B.I.

The project "Upper mantle and its effect on the development  
of the earth's crust." Vest. AN SSSR 34 no.8:84-88 1p 164.  
(MIRA 17:12)

1. Chlen-korrespondent AN SSSR.

BELOUSOV, V.V.

Meetings of geophysicists in California. Priroda 53 no.3:72-79 '64.  
(MIRA 17:4)

1. ~~Chlen~~-korrespondent AN SSSR.

BELOUSOV, V.V.

Results of the IGY and the prospects of further International  
cooperation. Geofiz. biul. no.14:7-14 '64.

(MIRA 1844)

BELOUSOV, V.V.

Crust and upper mantle of continents. Sov. geol. 8 no.1:17-34  
Ja '65. (MIRA 18:3)

1. Institut fiziki Zemli AN SSSR.

BELOUSOV, V.V.

Mysteries of the earth's interior; what should be known of the  
abyssal structure of our planet. Priroda 94 no.7:24-34 31 '65.  
(MIRA 18:7)

1. Chlen-korrespondent AN SSSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000204400034-6

KONSTANTINOV, A.R.; KISILENKO, A.A.; PIKUSH, N.V.; MIMOVICH, L.A.;  
BELOUSOV, V.V.; VITKOVSKIY, B.I.

Experimental study of methods of measuring liquid precipitation.  
Trudy UkrNICMI no.41:163-185 '64. (MIRA 18:1)

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BELOUJOV, Vladimir Vladimirovich; VILCHIK, G.V., red.

[Crust and the upper mantle of the continents] Zemnaia  
kora i verkhniaia mantlia materikov. Moskva, Nauka,  
1966, 120 p. (MIRA 19:1)

BELOUSOV, V.V.

General principles underlying the calculation of towing lines.  
Trudy LIIVT no.20:154-161 '53. (MIRA 12:1)  
(Towing)

BELOUSOV, V.V., kand.tekhn.nauk, dotsent; ATLAS, B.A., inzh.

Economic aspects of passenger transportation on the Dnieper.  
Trudy LIVT no.3:33-40 '60. (MIRA 15:3)  
(Dnieper River--Inland water transportation--Accounting)  
(Merchant marine--Passenger traffic)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000204400034-6

BELOUSOV, V.V.; GEORGIY, M.V.

[Experimental tectonics] Eksperimental'naya tektonika.  
Moskva, Izd-vo "Nedra," 1964. 117 p. (MIAM 17:7)

BELOUSOV, V. V.

The overhaul life has been prolonged. Mashinostroitel' no.10:12  
0 '62. (MIRA 15:10)

(Lathes--Maintenance and repair)

BELOUSOV, V.Ya.

Spinal anesthesia in urology with the use of neuroplegic drugs.  
Urol. i nefr. 30 no.1:16-21 Ja-F '65.

(SURA 18:11)

1. Urologicheskaya klinika (zav. - prof. A.M.Gasparov) i  
Leningradskogo meditsinskogo instituta imeni I.I.Pavlova.

SECRET, Pa. A.

"The number of CMB-1000 C-130s in flight," - schedule of flight,

Serial No. 40, of 100, 10

EMIOUSOV, Yakev Andreyevich; MARTYNOVA, M.P., redakter;  
TROPIMOV, A.V., tekhnicheskii redakter.

[Compressor station operator] Mashinist kompressornei  
stantsii. Moskva, Gos.nauchno-tekhn.isd-vo nef'tianei i  
gorno-toplivnoi lit-ry, 1956. 147 p. (MLRA 9:6)  
(Air compressors)

BELOUSOV, Yakov Petrovich; POLYAKOV, V., red.; KUZEMBAYEVA, A.,  
tekh. red.

Kazakhstanskaia Magnitka. Alma-Ata, Kazakhskoe gos.izd-vo,  
1962. 175 p. (MIRA 16:12)  
(Karaganda--Iron and steel plants)

BELOUSOV, Ye.

"Automatic Responder for Checking Airborne Radio Installations,"  
by Ye. Belousov, Grazhdanskaya Aviatsiya, No 10, Oct 56, pp 26-  
27

Engineers V. Krasnov and V. Gul'dman of the Vnukovo Airfield have developed an automatic responder, which can be installed indoors in one of the airfield buildings or can be mounted on a truck.

The automatic responder relieves the airport dispatcher from the work of checking the airborne radio station, and reduces radio noises. Such an automatic responder can be easily assembled from standard radio parts available at most airports.

SUM. 1287

BELOUSOV, Ye., inzhener.

Increasing the power of RAF and PAR transmitters in telegraph and  
telephone systems. Grashd.av.13 no.12:20 D '56. (MLRA 10:2)  
(Radio--Transmitters and transmission)

SOV/84-58-5-7/57

AUTHOR: Belousov, Ye., Engineer

TITLE: Radio Equipment of the Il-18 Aircraft (Radiooborudovaniye samoleta Il-18)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 5, pp 10-11 (USSR)

ABSTRACT: The article describes, in general terms but also with some detail, the use and operation of the radio equipment of the new Il-18 turboprop airliner. The main items of the equipment are: communications and command radio sets, radar, course, glide path and marker receivers, radio altimeter with altitude signals, radio compasses, and the intercom. Each item is described separately. The text is accompanied by a photograph showing the interior of the radio operator's station.

1. Airplanes--Equipment
2. Radio equipment (Airborne)--USSR
3. Radio equipment (Airborne)--USSR

Card 1/1

VYSOCHIN, B. [Vysochnyn, B.], kand.tekhn.nauk; BELOUSOV, Ye. [Belousov, E.], arkhitektor; MAKHNOVSKIY, L. [Makhnovskiy, L.], inzh.

Built by students. Sil'.bud. 12 no.3:9-10 Mr '62. (MIRA 15:8)  
(Lugansk Province--Farm buildings)

FEDOSOV, L.; BELOUSOV, Ye., arkhitektor

Kommunarsk. Zhil. stroi. no.1:19-21 '63.

(MIRA 16:2)

1. Glavnyy arkhitektor g. Kommunarska (for Fedosov).

BELOUSOV, YE. A.

BELOUSOV, YE. A.: "The use of tagged atoms to study the properties and transformations of complex iridium compounds." Min Higher Education USSR. Leningrad Order of Labor Red Banner Technological Institute Leningrad Soviet. Chair of Radio Chemistry. Leningrad, 1956 (Dissertation for the degree of Candidate in Chemical Sciences)

SO: Knizhnaya Letopis', No36, 1956, Moscow.

BELOUSOV, Ye. A.

GRINBERG, A. A.; BELOUSOV, Ye. A.

Exchange reactions in complex iridium compounds. Dokl.  
AN SSSR 111 no. 3: 599-600 N '56. (MLRA 10:2)

1. Chlen-korrespondent Akademii nauk SSSR. (for Grinberg).  
(Iridium compounds) (Compounds, Complex)

BELOUSOV Ye A

PHASE I BOOK EXPLOITATION SOV/5404

Murin, A. N., V. D. Nefedov, and V. P. Shvedov, eds.

Radiokhimiya i khimiya yadernykh protsessov (Radiochemistry and the Chemistry of Nuclear Processes) Leningrad, Goskhimizdat, 1960. 784 p. Errata slip inserted. 13,000 copies printed.

Ed.: F. Yu. Rachinskiy; Tech. Ed.: Ye. Ya. Erlikh.

**PURPOSE :** This textbook is intended for students of physical chemistry or radiochemistry at universities and schools of higher education. It may also serve as a handbook for scientific workers and technical personnel in the radiochemical industries and other related branches.

**COVERAGE:** The textbook deals with problems in modern radiochemistry, including adsorption, cocrystallization, isotope exchange in radioactive elements, the chemistry of nuclear processes, and methods of preparing radioactive isotopes and labeled compounds. Special attention has been given to chemical processes caused by radioactive transformations and radiation. In the main the book was compiled by person-  
Card-17/16

Radiochemistry and the Chemistry (Cont.)

SOV/5804

12

nel of the Radiochemistry Department, Leningradskiy gosudarstvennyy universitet imeni A. A. Zhdanova (Leningrad State University imeni A. A. Zhdanov), and the Department of the Technology of Artificial Radioactive Isotopes, Leningradskiy tekhnologicheskii institut imeni Lensovet (Leningrad Technological Institute imeni Lensovet). No personalities are mentioned. References accompany individual chapters.

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Card 2/16

Radiochemistry and the Chemistr. (Cont.)	SOV/5404	
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3/081/62/000/003/024/100  
B150/B101

AUTHORS: Belousov, Ye. A., Filinov, F. M.

TITLE: Adsorption of  $UX_1$  in the presence of uranyl ions on active manganese dioxide

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1962, 96, abstract 3B642 (Tr. Leningr. tekhnol. in-ta im. Lomonosova, no. 56, 1961, 88 -91)

TEXT: The type of adsorption of  $UX_1$  on active  $MnO_2$  is mainly superficial (absence of time and temperature dependence of the amount of adsorption). The acidity of the medium exercises great influence on the adsorption: addition of acid ( $HNO_3$ ) noticeably reduces the number of adsorbed ions  $UX_1^{4+}$  and  $UO_2^{2+}$ . With an increase of the amount of  $MnO_2$  in a stable concentration of uranyl nitrate (I), the adsorption of ions  $UX_1^{4+}$  and  $UO_2^{2+}$  also increases, but only to a limited extent and not in a strictly

Card 1/2

Adsorption of  $UX_1$  in the presence...

2/081/62/000/003/024/025  
B190/B101

proportional ratio. The nature of the changes indicates the presence of a great capacity of competition of  $UX_1^{4+}$  in regard to the adsorption on active  $MnO_2$  in comparison with  $UO_2^{2+}$ . The number of adsorbed ions of  $UX_1^{4+}$  and  $UO_2^{2+}$  under otherwise equal conditions depends on the concentration of I. The possibility is shown of the quantitative separation of  $UX_1$ , being present in tracer amounts, from the uranium by the method of selective adsorption on active  $MnO_2$ , while under the conditions described above of the arrangement of experiments, the best separation may be achieved with an acidity of 0.05 N ( $HNO_3$ ) and a concentration of I  $2.5 \cdot 10^{-3}$  moles/liter; the weight of  $MnO_2$  for this should be 30 - 35 mg. Abstracter's note: Complete translation.

Card 2/2

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EXP(01/00001) (201)

EXP(0)

JD/JG

ACC NR: AP6019027

(A)

SOURCE CODE: UR/0153/65/008/006/1026/1027

AUTHOR: Belousov, Ye. A.; Kolobov, N. P.

ORG: Department of Technology of Artificial Radioactive Substances, Leningrad Technological Institute im. Lensovet (Kafedra tekhnologii iskusstvennykh radioaktivnykh veshchestv, Leningradskiy tekhnologicheskii institut)

TITLE: Adsorption of cerium (III) on active manganese dioxide

SOURCE: IVUZ. Khimiya i khimicheskaya tekhnologiya, v. 8. no. 6, 1965, 1026-1027

TOPIC TAGS: manganese compound, cerium compound, adsorption

ABSTRACT: The degree of adsorption of cerium (III) on active  $MnO_2$  was studied as a function of temperature, acidity of the solution, and cerium concentration. The  $Ce(NO_3)_3$  employed was labeled with the  $Ce^{144}$  radioisotope. The degree of adsorption was determined by measuring the activity of  $MnO_2$ , on which cerium was adsorbed, in an acid solution of  $Na_2SO_3$ , and by measuring the activity of the filtrate, i. e., the initial solution from which the adsorbent had been removed. It was found that in both acid (0.1 mole/l  $HNO_3$ ) and neutral media, and especially in the latter, the degree of adsorption increases with the temperature. This is attributed to the fact that with rising temperature, the hydrolysis of cerium nitrate increases, and the hydrolysis products,  $Ce(OH)_2^+$  and  $Ce(OH)_2^+$ , are adsorbed better than  $Ce^{3+}$ . This also

Card 1/2

UDC: 546.655+546.714

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explains the decrease in the degree of adsorption with increasing  $\text{HNO}_3$  concentration, since  $\text{HNO}_3$  hinders the hydrolysis. Orig. art. has: 3 figures.

SUB CODE: 07/ SUBM DATE: 30Jan64/ ORIG REF: 003/ OTH REF: 001

Card 11

DALMATOV, Vsevolod Yakovlevich, kand. tekhn. nauk; BELOUSOV, Yevgeniy Dmitriyevich, inzh.; EYDINOV, Yu.S., inzh., red.

[Floors made of planks of parquetry i residential and public buildings] Poly iz parketnykh dosok v zhilykh i obshchestvennykh zdaniyakh; iz opyta Glavmosstroia. Moskva, Gosstroizdat, 1962. 25 p.

(MIRA 15:12)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
2. Rukovoditel' sektora polov Tsentral'nogo nauchno-issledovatel'skogo i proyektno-eksperimental'nogo instituta promyshlennykh zdaniy i sooruzheniy Akademii stroitel'stva i arkhitektury SSSR (for Dalmatov).
3. Rukovoditel' gruppy polov Nauchno-issledovatel'skogo instituta Glavnogo upravleniya po zhilishchnomu i grazhdanskomu stroitel'stvu v g. Moskve Glavnogo upravleniya po stroitel'stvu i vostanovleniyu zheleznodorozhnykh mostov (for Belousov).

(Parquet floors)

DALMATOV, Vsevolod Yakovlevich, kand. tekhn. nauk; BELOUSOV, Yevgeniy Dmitriyevich, kand. tekhn. nauk; NAZAROV, Valeriy Mikhaylovich, inzh.; EYDINOV, Yu.S., inzh., red.

[Floors of particle board tiles in apartment houses and public buildings; practices of the Moscow Woodworking Combine No.3, the Vitebsk Housing Construction Combine, and the Main Administration for Housing and Civilian Construction in Moscow] Poly iz drevesno-struzhechnykh plit v zhilykh i obshchestvennykh zdaniyakh; opyt Moskovskogo DOK No.3, Vitebskogo DSK i Glavmosstroia. Moskva, Stroizdat, 1964. 35 p. (MIRA 17:12)

1. Moscow. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. 2. Rukovoditel' sektora polov Tsentral'nogo nauchno-issledovatel'skogo instituta promyshlennykh zdaniy i sooruzheniy Gosstroya SSSR (for Dalmatov). 3. Rukovoditel' gruppy polov Nauchno-issledovatel'skogo instituta Glavnogo otdeleniya po zhilishchnomu i grazhdanskomu stroitel'stvu v gorode Moskve (for Belousov).

DAIMATOV, V.Ya., kand. tekhn. nauk; BELOUSOV, Ye.D., inzh.; BULYCHEV,  
G.G., doktor tekhn. nauk, otv. red.; MALYSHEVA, N.I., tekhn.  
red.

[Device for testing floors under loading (deformer)] Pribor  
dlia ispytaniia polov pod nagruzkoi (deformator). Moskva,  
Izd. Niimosstroia, 1959. 10 p. (MIRA 15:8)  
(Floors—Testing)

BELOUSOV, Ye.F., inzh.; VLADIMIROV, V.V., inzh.; KLYASHCHITSKIY, M.S., inzh.

Wear-resistant hard facing of suction dredge parts which deteriorate quickly. Makh.stroi. 18 no.7:28-30 JI '61.

(MIRA 14:7)

1. Nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya (g. Chelyabinsk).

(Hard facing) (Dredging machinery—Equipment and supplies)

BELOUSOV, Ye.F.; ZELENKIN, Yu.A.; KUZNETSOV, M.I.; GRIBANOV, I.F.

Wear resistant powder tape hard facing of metallurgical equipment.  
Metallurg 10 no.3:33-35 Mr '65.

(MIRA 18:5)

1. Chelyabinskiy institut NIPTIAMMASH i Chelyabinskiy metallurgicheskiy zavod.

SHEVCHENKO, N.F., otv. red.; BABAYEVA, Ye.K., red.; BELOUSOV, Ye.K., red.; VINNIK, S.A., prof., red.; GERSHEVICH, S.A., red.; IOSSET, G.Ya., prof., red.; KATYUKHIN, N.Ya., red.; KISELEVA, A.S., red.; MENSCHIKOVA, L.I., red.; NADGERIYEV, M.K., dots., red.; OBUKHOV, P.F., red.; RUTENBURG, D.M., red.; FAYN, M.A., dots., red.; OVECHKINA, L.S., red.

[Public health in Amur Province; collection of articles]  
Zdravookhranenie Amurskoi oblasti; sbornik statei. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1962. 236 p.

(MIRA 17:7)

1. Amur (Province) Otdel zdravookhraneniya. 2. Zaveduyushchiy Gosptital'noy khirurgicheskoy klinikoy Blagoveshchenskogo meditsinskogo instituta, Amurskaya oblast' (for Iosset). 3. Blagoveshchenskiy meditsinskiy institut, Amurskaya oblast' (for Obukhov). 4. Zaveduyushchiy Klinikoy obshchey khirurgii Blagoveshchenskogo meditsinskogo instituta, Amurskaya oblast' (for Nadgeriyev). 5. Zaveduyushchiy Kafedroy otorinolaringologii Blagoveshchenskogo meditsinskogo instituta, Amurskaya oblast' (for Vinnik). 6. Zaveduyushchiy Kafedroy sudebnoy meditsiny Blagoveshchenskogo meditsinskogo instituta, Amurskaya oblast' (for Fayn).

BELOUSOV, Ye. N.

Mechanisation of the work of office personnel. Sets. trad. no.9:  
71-76 '58. (MIRA 11:10)  
(Machine accounting)

BELOUSOV, Ye.N.

Modern computing equipment abroad. *Biul.tekhn.-ekon.inform. no.12:*  
82-86 '60. (MIRA 13:12)  
(Electronic calculating machines)

BELOUSOV, Ye. N.

Mechanization of engineering and management processes in  
people's democracies. Biul.tekh.-ekon.inform. no.5:93-96  
'61. (MIRA 14:6)  
(Europe, Eastern--Office equipment and supplies)

BELOUSOV, Ye.N.

Universal electronic digital computer. Biul.tekh.-ekon.inform.Gos.  
nauch.-issl.inst.nauch. i tekh.inform. no.4:94-98 '62. (MIRA 15:7)  
(Electronic digital computers)

BELOUSOV, Yu.A.; KORCHANOV, A.T.; RUDINSKIY, Ye.Ye.; STEPNOVA, Ye.V.;  
BANNIKOV, N.A., red.; ZAPIVAKHIN, A.I., red.; LAPIDUS, M.A.,  
red.; RAKITINA, Ye.D., red.; TERESHCHENKO, N.I., red.; FREYDMAN,  
S.M., red.; BALLOD, A.I., tekhn.red.

[Manual on rural subsidiary enterprises] Spravochnik po sel'skim  
podsobnym predpriatiyam. Moskva, Gos.isd-vo sel'khoz.lit-ry,  
1960. 798 p. (MIRA 13:12)  
(Manufactures) (Farm produce)

BELOUSOV, Yu.F., inzh.; MENDELEVICH, G.SH., inzh.

Concerning A.P. Korshunov's article "Design of economical ground-  
ing for rural power distribution networks." Elek. sta. 34 no.8:  
87-88 Ag '63. (MIRA 16:11)

BARG, I.G., inzh.; BELOUSOV, Yu.F., inzh.

Organization of the operation of electrical networks. Elek. sta. 36  
no.6:71-80 Je '65. (MIRA 18:7)

1. Gosudarstvennyy trest po organizatsii i ratsionalizatsii rayonnykh  
elektrostantsiy i setey (for Barg). 2. Volgogradenergo (for Belousov).

BELOUSOV, Yu.F., insh.

Nomogram for testing the thermal stability of the conductors of  
electrical systems. Energetik 13 no.3:32-33 Mr '65. (MIRA 18:7)

BELOUSOV, Yu.F., inzh. (Volgograd)

Nomogram for calculating power losses in electric power transmission lines. Energetik 14 no.1:27-28 Ja '66.

(MIRA 19:1)

BUBNIK, N.M., kand.tekhn.nauk; ROMANETS, M.I., inzh.; BELOUSOV, Yu.G., inzh.

Effect of the shape of end surfaces on the mechanical properties  
of joints in resistance butt welding. Svar. proizv. no.9:14-15  
S '62. (MIRA 15:12)

1. Rostovskiy-na-Donu institut sel'khoz mashinostroyeniya.  
(Electric welding)  
(Surfaces)

ZOLOTYKH, V.T., kand. tekhn. nauk; LIAK, S.V., kand. fiz.-matem. nauk;  
GUFAN, R.M., inzh.; BELOUSOV, Ya.G., inzh.

Mechanism of striking the welding arc. Svar. proizv. 1965, 14-6  
F '65.

1. Rostovskiy-na-Donu institut sel'skokhozyaystvennoy mashin-  
stroyeniya.

KOROLEV, B.A.; OKHOTIN, I.K.; BELOUSOV, Yu.V.

Surgical treatment of patent ductus arteriosus; results of 320 operations. Uch. trudy GMI no.19:175-184 '65.

(MIRA 18:8)

1. Iz kliniki gosptal'noy khirurgii Gor'kovskogo gosudarstvennogo meditsinskogo instituta imeni S.M.Kirova.

BELOUSOV, Yu.V.; OKHOTIN, I.K.

Clinical aspects and diagnosis of the patent ductus arteriosus  
syndrome with a reverse shunt. Uch. trudy GMI no.19:185-200 '65.  
(MIRA 18:8)

1. Iz kliniki gospital'noy khirurgii Gor'kovskogo gosudarstvennogo  
meditsinskogo instituta imeni S.M.Kirova.

KOZLOVA, Ye.I., kand. biolog. nauk; BELOUSOVA, A.A.; VANDAR'YEVA, V.S.

Effect of simazine and atrazine on the development of soil  
micro-organisms. Agrobiologiya no.2:271-277. Mr.-Ap '64.

(MIRA 17:6)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova,  
Biologo-pochvennyy fakul'tet.

BELOUSOVA, A. G.

61A

**Peptization of the hydrate of ferric oxide by salts of copper and other metals**  
 A. M. Belousova, A. G. Belousova and M. A. Timokhina. *J. Phys. Chem. (U.S.S.R.)*  
 1, 511 (1968); *Chem. Zvest.* 1968, 1, 363. The peptization of Fe(OH)<sub>3</sub> by Cu and  
 Fe salts was investigated to det. why the usual pptn. of Fe as Fe(OH)<sub>3</sub> is frequently  
 difficult. Since the amt. of Fe(OH)<sub>3</sub> going through the filter is of primary interest,  
 only the peptized portion, the particles of which are smaller than 3 μ, was detd. Thus  
 systems were investigated: H<sub>2</sub>O-CuSO<sub>4</sub>, Cu(OH)<sub>2</sub>, Fe(OH)<sub>3</sub> (at 25°, 38° and 50°),  
 H<sub>2</sub>O-CuCl<sub>2</sub>, Cu(OH)<sub>2</sub>, Fe(OH)<sub>3</sub> (at 25° and 38°), and H<sub>2</sub>O-Cu(NO<sub>3</sub>)<sub>2</sub>, Cu(OH)<sub>2</sub>,  
 Fe(OH)<sub>3</sub> (at 25° and 38°). The isotherms show that the slope for the same salt under  
 different conditions depends upon the degree of dispersion of the Fe(OH)<sub>3</sub>. With  
 increasing dispersity the steepness (read against Cu salt concn.) increases. Isotherms  
 obtained at the same temp. with different filters show analogous courses, however,  
 they are not strictly parallel, but sep. with increasing Cu salt concn. This is important

as confirmation of the colloidal nature of the process. Any decrease in the distance  
 apart of the isotherms with increasing Cu salt concn. is explained by non-uniformity  
 of particle size of the Fe(OH)<sub>3</sub>. Investigation of the peptization of Fe(OH)<sub>3</sub> by ferric  
 ferric sulfate showed the same relation to concn. An empirical relation between the  
 quantity (Q) peptized, the solv. A of the Fe(OH)<sub>3</sub> in water, and the concn. of the Cu  
 salt C is:  $Q = A + kC^n$ , where k is a proportionality factor and n is an exponent > 1  
 and dependent upon the temp. and salt concn. M. G. Moore

ANALYTICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

BELOUSOVA, A. G. 28

Quick determination of the moisture content of glue and gelatin. A. G. BELOUSOVA, M. A. TIMOKHINA AND A. M. BELOUSOV. *Zhur. Prikladnoi Khim* 3, 741 (1950).  
A vacuum drying oven at 105° is used and analysis is made on weight basis.  
V. KALICHVANSKY

ASB S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

BELOUSOVA, A. G.

1A

27

Rapid method for the determination of moisture in leather and fur. A. G. Belousova, A. M. Belousov and M. A. Timokhina. *Izvestiya Tsentral. Nauch.-Issledovatel. Inst. Kozhevnoy Prom.* 1932, No. 10-11, 60-2. By drying in vacuum ovens the detm. of moisture can be effected 10-13 times more rapidly than by the customary procedure. A. A. Boshlakov

ASIA 514 METALLURGICAL LITERATURE CLASSIFICATION



BELOUSOVA, A. G.

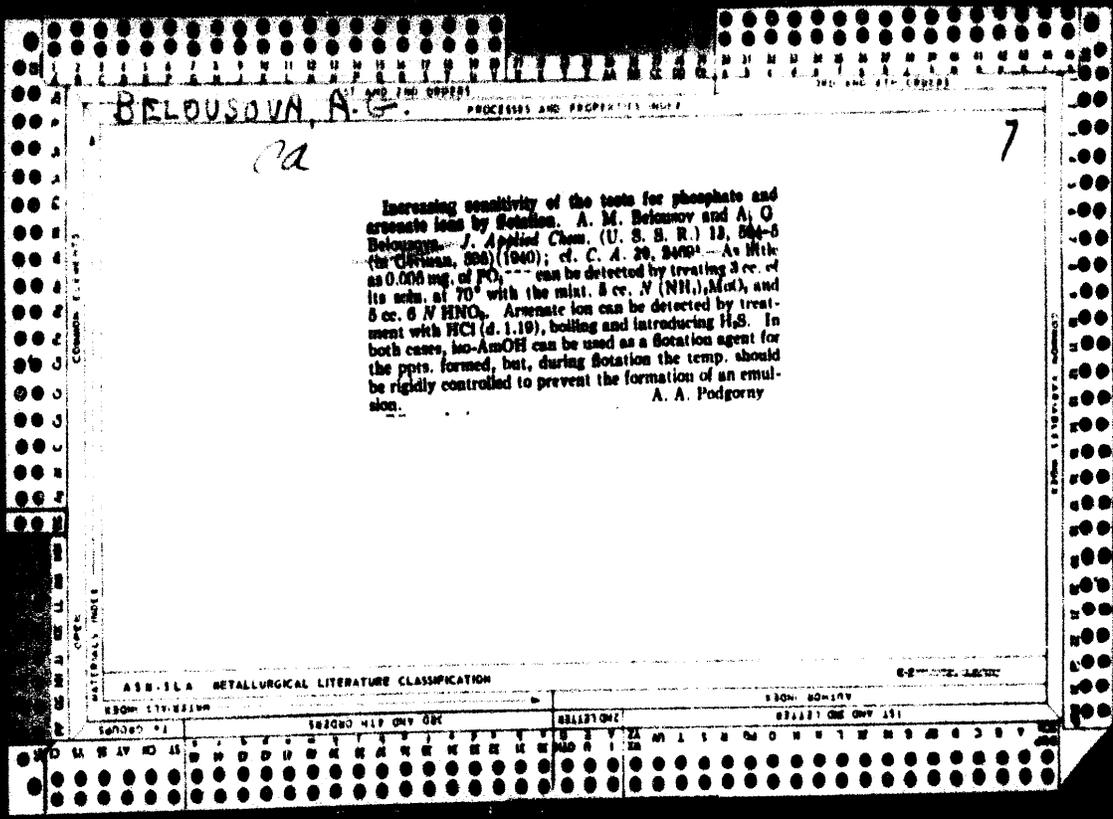
ca

7

Increasing sensitivity of the tests for phosphate and arsenate ions by Sotatlon. A. M. Belousov and A. O. Belousova. *J. Applied Chem. (U. S. S. R.)* 13, 844-8 (1940); *ibid.* (1940); *cf. C. A.* 20, 8470. As little as 0.005 mg. of  $PO_4^{3-}$  can be detected by treating 3 cc. of its soln. at 70° with the mixt. 3 cc. *N* ( $NH_4$ )<sub>2</sub>SO<sub>4</sub> and 5 cc. 6 *N* HNO<sub>3</sub>. Arsenate ion can be detected by treatment with HCl (d. 1.19), boiling and introducing H<sub>2</sub>S. In both cases, iso-AmOEt can be used as a Sotatlon agent for the ppt. formed, but, during Sotatlon the temp. should be rigidly controlled to prevent the formation of an emulsion.

A. A. Podgorny

ASB-ILA METALLURGICAL LITERATURE CLASSIFICATION



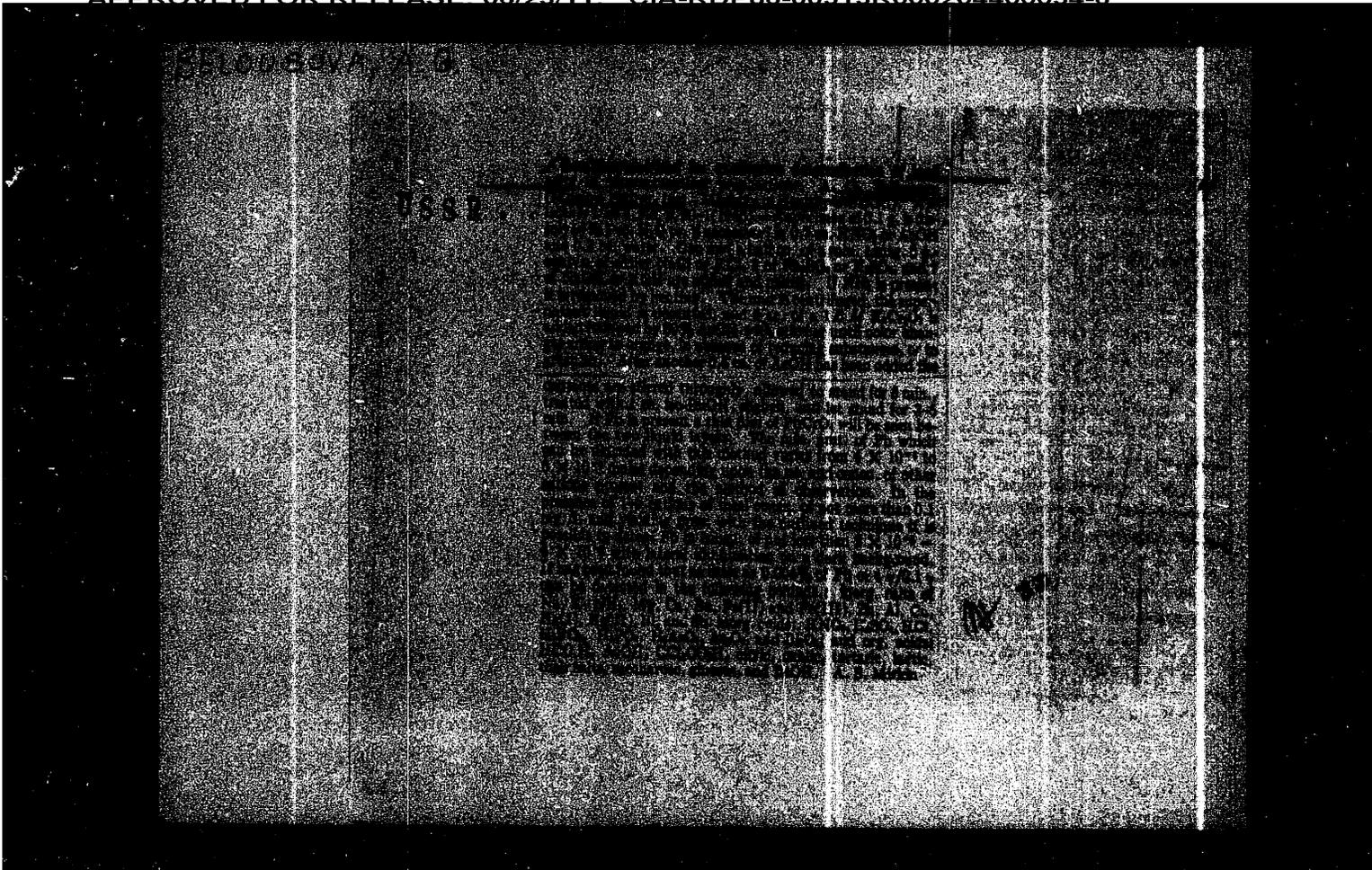
BELOUSOVA, A.G.; DOBRYNINA, V.I., dotsent, direktor.

Apparatus for drawing off liquids with a pipette. Apt.delo 2 no.3:54 My-  
Je '53. (MLRA 6:6)

1. Moskovskiy farmatsevticheskiy institut Ministerstva zdravookhraneniya  
SSSR. (Laboratories--Apparatus and supplies)

ILLEGIBLE

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000204400034-6



BELOUSOVA, A.G.

Fractional detection of barium with the use of flotation. Sbor.  
nauch. rab. MFI 2:92-93 '59. (MIRA 14:1)

1. Kafedra neorganicheskoy khimii, (zav. - dotsent M.I.Tarassenko)  
Moskovskogo farmatsevticheskoy instituta.  
(BARIUM--ANALYSIS)

MEL'NICHENKO, A.K.; BELOUSOVA, A.G.; KUZ'MINA, A.A.; SHANINA, S.V.

Pay more attention to the study of the geographical distribution of  
wild medicinal plants. Apt. delo 10 no.3:14-19 My-Je '61.

(BOTANY, MEDICAL)

(MIRA 14:7)

BELOUSOVA, A.K.

Nucleoprotein metabolism of the liver cell under different conditions of protein nutrition. Vop.med.khim. 3:25-42 '51. (MIRA 11:4)

1. Institut eksperimental'noy biologii AMN SSSR, Moskva.  
(LIVER) (PROTEIN METABOLISM)

ILLEGIBLE

ILLEGIBLE

USSR / General Biology. Cytology. B

Abs Jour : Ref Zhur - Biol., No 19, 1953, No 85507

Author : Belousova, A. K.

Inst : Not given

Title : Effect of Organic Acids and Their Derivations  
on Protoplasm Structure.

Orig Pub : Botan. zh., 1957, 42, No. 7, 1011-1034.

Abstract : The presentation of D. A. Sabinin of proto-  
plasm as a sensitized structure is discussed.  
The aim of this study is the experimental ve-  
rification and the basis for conceiving the ro-  
le of low-molecular compounds in the protoplasm  
structure as exemplified by water thyme (Elodea)  
leaves. The evaluation of the condition and al-  
terations of protoplasmic structure was made by  
the degree of structural viscosity of the proto-

Card 1/3

USSR / General Biology. Cytology.

Abs Jour : Ref Zhur - Biol., No 19, 1951, no 35507

with protein molecules through a free carboxyl group; the blockage of carboxyl deprives the acid of its structure-forming properties. Monobasic organic acids belonging to the lower members of the homologous series act on the structural viscosity of the protoplasm in the same way as dibasic acids with twice the number of carbon atoms. Evidently, monobasic organic acids form bimolecular bridges between chains of protein molecules in the protoplasm and thus act as if simulating dibasic acids. -- T. P. Petrovskaya

Card 3/3

cid

EXCERPTA MEDICA Sec 16 Vol 7/11 Cancer November 59

4565. **Depolymerization of nucleic acids in normal tissues and in tumours**  
(Russian text) BELOUSOVA A. K. Biochem. Lab., Inst. of Exp. Pathol. and Ther.  
of Cancer, Acad. of Med. Scis, Moscow *Biokimiya* 1958, 23/5 (783-790) Tables 6  
Assay of the activity of DNase II and DNase I in homogenates of normal and  
tumour tissues reveals appreciable differences between the tissues in the ratio of  
2 consecutive stages of DNA depolymerization. In this respect the tissues tested  
may be divided into 2 groups: (1) highly differentiated normal tissues, such as liver  
or intestinal mucosa, and (2) actively proliferating normal tissues (spleen, thymus)  
as well as tumours. The first group of tissues is characterized by a high rate of the  
last stage of DNA depolymerization while the initial links of the process lag behind.  
The 2nd group, that of actively proliferating tissues, is characterized by a drastic  
reduction of the rate and degree of DNA depolymerization as compared with the  
first group. An additional mechanism may therefore be suggested for DNA bio-  
synthesis in actively dividing cells of normal tissues and tumours, with the inter-  
mediate depolymerization products of DNA as substrate.

BELOUSOVA, A.K.; Prinizala uchastiye Grigor'yeva, M.T.

Various pathway of  $C^{14}$ -ribonucleoside metabolism in tumor and normal cells. Biokhimiia 25 no.1:55-60 Ja-F '60. (MIRA 13:6)

1. Biochemical Laboratory, Institute of Experimental and Clinical Oncology, Academy of Medical Sciences of the U.S.S.R., Moscow.  
(NUCLEOSIDES AND NUCLEOTIDES metab.)  
(NEOPLASMS metab.)

BELOUSOVA, A.K.; Primala uchastiy: ATABKOVA, T.I.

Relation between the synthesis of nucleic acids in different tumors and the specific features of oxidative metabolism in them. Biokhimiia 25 no.5:901-911 3-0 '60. (MIRA 14:1)

1. Biochemical Laboratory, Institute of Experimental and Clinical Oncology, Academy of Medical Sciences of the U.S.S.R., Moscow.  
(NUCLEIC ACIDS) (TUMORS)  
(OXIDATION, PHYSIOLOGICAL)

BELOUSOVA, A. K., ATABEKOVA, T. I., AND GRIGORYEVA, M. T. (USSR)

"The Participation of Deoxycycligonucleotides in the  
Biosynthesis of the Tumour Cell DNA."

Report presented at the 5th International Biochemistry Congress,  
Moscow, 10-16 August 1961

BELOUSOVA, A.K.

Spectrophotometric method for the quantitative determination of some chlorethylamines and products of their hydrolysis. Vop. onk. 7 no. 4:54-63 '61. (MIRA 14:4)

1. Iz laboratorii biokhimii Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N.N. Blokhin). Adres avtora: Moskva, I-110, 3-y Meshchanskaya ul. 61/2, korp. 9, Institut eksperimental'noy i klinicheskoy onkologii AMN SSSR.

(SPECTROPHOTOMETRY) (ETHYLAMINE)

BELOUSOVA, A.K.

Biochemical approach to the elaboration of methods for the  
chemotherapy of tumors. Analele biol 16 no.3:45-63 My-Je  
'62.

\*

BELOUSOVA, A.K., kand. biolog. nauk

Biochemical approaches to the chemotherapy of cancer. Zhur.  
VKHO 8 no.4:413-424 '63. (MIRA 16:10)

(CANCER) (CHEMOTHERAPY) (BIOCHEMISTRY)

BELOUSOVA, A.K.

Methods for increasing the selective action of antineoplastic compounds. Vest. AMN SSSR no.4:34-45 '65. (MIRA 18:10)

1. Institut eksperimental'noy i klinicheskoy onkologii  
AMN SSSR, Moskva.

BLOKH, G. A.; ZHURKO, V. A.; TSIPENYUK, E. V.; BELOUSOVA, E. A.;  
MELESHEVICH, A. P.; VAS'KOVSKAYA, M. A.

Radiation vulcanization of rubber compounds for soles. Kozh.  
obuv. prom. 5 no. 12:18-22 D '63. (MIRA 17:5)

ILLEGIBLE

ACCESSION NR: AP4034714

S/0064/64/000/004/0272/0272

AUTHOR: Taranenko, A. S.; Belousova, G. A.

TITLE: Improvement in the technology of producing di- $\beta$ -naphthyl-p-phenylenediamine.

SOURCE: Khimicheskaya promyshlennost', no. 4, 1964, 272

TOPIC TAGS: dinaphthyl p phenylenediamine, production, process, purification

ABSTRACT: The proposed method for preparing di- $\beta$ -naphthyl-p-phenylenediamine of higher purity than previously attained comprises: pouring a fine spray of a molten reaction mass of  $\beta$ -naphthol and p-phenylenediamine into strongly agitated hot (150C) ethylene glycol to form a suspension of the product in ethylene glycol. The hot suspension is filtered, the precipitate washed with 150C ethylene glycol and with hot water, centrifuged and dried at 100-120C. A 95% yield of di- $\beta$ -naphthyl-p-phenylenediamine, melting 228-229C is obtained. Orig. art. has: 1 equation.

ASSOCIATION: None

Card 1/2

ACCESSION NR: AP4034714

SUBMITTED: 00

ENCL: 00

SUB CODE: GC, OC

NO REF SOV: 006

OTHER: 012

Card 2/2